

ABSTRACT OF DISCLOSURE

A subject evaluation value measuring apparatus 10, functioning as a cuff volumetric pulse wave obtaining apparatus, includes a pulse wave determining device (i.e., a cuff volumetric pulse wave determining device) 52 that determines, using an inverse transfer function $1/H(f)$, stored in a ROM (i.e., an inverse transfer function memory) 42, that corresponds to a pre-determined transfer function $H(f)$ between input, i.e., pressure pulsation produced in a cuff 20, and output, i.e., pressure pulsation detected by a pressure sensor 24, a no-delay cuff volumetric pulse wave $P_K(t)$ having substantially no delay of transmission, based on an actual cuff pulse wave signal SM outputted by the pressure sensor 24. The thus determined cuff volumetric pulse wave $P_K(t)$ is free of waveform distortion and accordingly enjoys high accuracy.